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Neuron. 2006 Jul 20;51(2):171-8.

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The expression and alternative splicing of alpha-neurexins during Xenopus development.

Int J Dev Biol. 2006;50(1):39-46.

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A splice code for trans-synaptic cell adhesion mediated by binding of neuroligin 1 to alpha- and beta-neurexins.

Neuron. 2005 Oct 20;48(2):229-36.

PMID: 16242404 [PubMed - indexed for MEDLINE]

☐ **4:** [Beglopoulos V, Montag-Sallaz M, Rohlmann A, Piechotta K, Ahmad M, Montag D, Missler M.](#)

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Neurexophilin 3 is highly localized in cortical and cerebellar regions and is functionally important for sensorimotor gating and motor coordination.

Mol Cell Biol. 2005 Aug;25(16):7278-88.

PMID: 16055736 [PubMed - indexed for MEDLINE]

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Extracellular domains of alpha-neurexins participate in regulating synaptic transmission by selectively affecting N- and P/Q-type Ca²⁺ channels.









J Neurosci. 2005 Apr 27;25(17):4330-42.

PMID: 15858059 [PubMed - indexed for MEDLINE]

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Expression of three gene families encoding cell-cell

-  communication molecules in the prepubertal nonhuman primate hypothalamus.
J Neuroendocrinol. 2005 Apr;17(4):208-19.
PMID: 15842232 [PubMed - indexed for MEDLINE]
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-  Solution structure of AF-6 PDZ domain and its interaction with the C-terminal peptides from Neurexin and Bcr.
J Biol Chem. 2005 Apr 8;280(14):13841-7. Epub 2005 Jan 31.
PMID: 15684424 [PubMed - indexed for MEDLINE]
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Endocrinology. 2005 Feb;146(2):776-83. Epub 2004 Nov 18.
PMID: 15550503 [PubMed - indexed for MEDLINE]
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-  Mechanism of alpha-latrotoxin action at nerve endings of neurohypophysis.
Brain Res. 2003 Nov 28;992(1):30-42.
PMID: 14604770 [PubMed - indexed for MEDLINE]
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-  Alpha-neurexins couple Ca²⁺ channels to synaptic vesicle exocytosis.
Nature. 2003 Jun 26;423(6943):939-48.
PMID: 12827191 [PubMed - indexed for MEDLINE]
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-  Neuroglian, Gliotactin, and the Na⁺/K⁺ ATPase are essential for septate junction function in Drosophila.
J Cell Biol. 2003 Jun 9;161(5):979-89. Epub 2003 Jun 2.
PMID: 12782686 [PubMed - indexed for MEDLINE]
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Sheng Li Ke Xue Jin Zhan. 2000 Jul;31(3):283-8. Review. Chinese. No abstract available.
PMID: 12545724 [PubMed - indexed for MEDLINE]
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-  Expression of neurexin ligands, the neuroligins and the neurexophilins, in the developing and adult rodent olfactory bulb.
Int J Dev Biol. 2002;46(4):649-52.

PMID: 12141453 [PubMed - indexed for MEDLINE]

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Protein-tyrosine phosphatase-sigma is a novel member of the functional family of alpha-latrotoxin receptors.

J Biol Chem. 2002 Sep 27;277(39):35887-95. Epub 2002 Jul 10.

PMID: 12110683 [PubMed - indexed for MEDLINE]

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Genetic analysis of alpha-latrotoxin receptors reveals functional interdependence of CIRL/latrophilin 1 and neurexin 1 alpha.

J Biol Chem. 2002 Feb 22;277(8):6359-65. Epub 2001 Dec 6.

PMID: 11741895 [PubMed - indexed for MEDLINE]

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Reduction of endogenous TGF-beta does not affect phenotypic development of sympathoadrenal progenitors into adrenal chromaffin cells.

Mech Dev. 2001 Dec;109(2):295-302.

PMID: 11731241 [PubMed - indexed for MEDLINE]

- ☐ **17:** [Patzke H, Reissmann E, Stanke M, Bixby JL, Ernsberger U.](#) Related Articles, Links



BMP growth factors and Phox2 transcription factors can induce synaptotagmin I and neurexin I during sympathetic neuron development.

Mech Dev. 2001 Oct;108(1-2):149-59.

PMID: 11578868 [PubMed - indexed for MEDLINE]

- ☐ **18:** [Sugita S, Saito F, Tang J, Satz J, Campbell K, Sudhof TC.](#) Related Articles, Links



A stoichiometric complex of neurexins and dystroglycan in brain.

J Cell Biol. 2001 Jul 23;154(2):435-45.

PMID: 11470830 [PubMed - indexed for MEDLINE]

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Synaptotagmin-like protein 1-3: a novel family of C-terminal-type tandem C2 proteins.

Biochem Biophys Res Commun. 2001 Mar;281(5):1226-33.

PMID: 11243866 [PubMed - indexed for MEDLINE]

- ☐ **20:** [Fukuda M, Mikoshiba K.](#) Related Articles, Links



Characterization of KIAA1427 protein as an atypical synaptotagmin (Syt XIII).

Biochem J. 2001 Mar 1;354(Pt 2):249-57.

PMID: 11171101 [PubMed - indexed for MEDLINE]

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